

REMARKS/ARGUMENTS

Receipt of the Office Action dated September 9, 2004 is hereby acknowledged. In that Action, the Examiner: 1) rejected claims 1, 7, 35, 37, 39-42 and 50 as allegedly anticipated by Applicants' prior art Figure 1; 2) allowed claims 13-34; and 3) objected to claims 2-6, 8-12, 36, 38 and 43-49.

Applicants traverse the rejection of claims 1, 7, 35, 37, 39-42 and 50. Applicants amend objected claims 2, 4-6, 8, 36, 38, 43, and 47 into independent form to comply with the Office Action's suggestions. Applicants further amend claims 7 and 50 to correct for typographical errors and claims 30 and 31 to remove "adapted for" terminology. Based on the reasons stated herein, Applicants believe the pending claims are allowable over the art of record and respectfully request reconsideration.

I. ALLOWED CLAIMS AND EFFECTIVELY ALLOWED CLAIMS

Applicants appreciate the allowance of claims 13-34. Applicants amend claims 2, 4-6, 8, 36, 38, 43, and 47 into independent form to comply with the suggestions in the Office Action. For this reason, claims 2-6, 8-12, 36, 38 and 43-49 should now be in a condition for allowance.

II. CLAIM REJECTIONS

Applicants respectfully submit that rejected claims 1, 7, 35, 37, 39-42 and 50 also are allowable.

A. CLAIMS 1 AND 7

Claim 1 requires "a plurality of wires coupled to the solar panel array and radio antenna, the wires pass through a bore axially through the mast to enter the explosion-proof housing." To the extent that the structure supporting solar panel 8 may be considered a mast, wires coupled to the radio antenna 4 do not "pass through the bore axially through the mast," since the radio antenna 4 is not coupled to the mast, nor is there a functional purpose for wires coupled to the radio antenna 4 to pass through the mast. At least for this reason, claim 1 and all claims dependent upon claim 1 are in condition for allowance.

B. CLAIMS 35, 37, 39-42 AND 50

Claim 35 requires "a mast means for mounting the solar panel means and providing a passage for wires from an internal cavity of the housing means to the solar panel means and the antenna means." The prior art shown in Figure 1 does not disclose this limitation. As stated

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above in context of claim 1, the mast supporting solar panel 8 does not provide passage for wires to the radio antenna 4, since radio antenna 4 is not even coupled to the mast, nor is there a functional purpose for wires coupled to the radio antenna 4 to pass through the mast. At least for this reason, claim 35 and all claims dependent upon claim 35 are in condition for allowance.

III. DRAWINGS

Applicants submit herewith three replacement drawing sheets. These replacement drawings are merely a formal version of the drawings (*i.e.*, Figures 1-4) that were submitted to the USPTO with the original application papers on January 28, 2002.

III. CONCLUSION

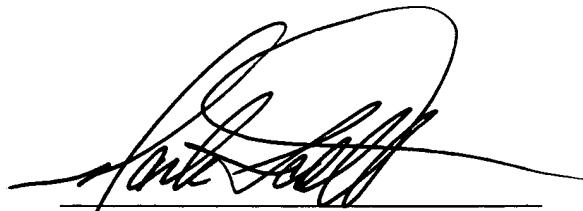
Applicants respectfully request reconsideration and allowance of the pending claims and a timely Notice of Allowance be issued in this case. If the Examiner feels that a telephone conference would expedite the resolution of this case, he is respectfully requested to contact the undersigned.

In the course of the foregoing discussions, Applicants may have at times referred to claim limitations in shorthand fashion, or may have focused on a particular claim element. This discussion should not be interpreted to mean that the other limitations can be ignored or dismissed. The claims must be viewed as a whole, and each limitation of the claims must be considered when determining the patentability of the claims. Moreover, it should be understood that there may be other distinctions between the claims and the prior art which have yet to be raised, but which may be raised in the future.

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If any fees are inadvertently omitted or if any additional fees are required or have been overpaid, please appropriately charge or credit those fees to Conley Rose, P.C. Deposit Account Number 03-2769.

Respectfully submitted,



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